

Claims

- [1] A horizon control structure for a washing machine, the structure comprising:
 - a leg;
 - at least one leg stopper disposed at a lower side of the leg; and
 - a stopper base disposed at a lower side of the leg or the leg stopper.
- [2] The structure according to claim 1, wherein the leg stopper comprises:
 - a stopper body having a predetermined diameter; and
 - a sleeve mount hollow provided inside of the leg stopper and having a predetermined diameter and depth.
- [3] The structure according to claim 1, wherein a protrusion insertion through-hole having a predetermined depth is at a distance and provided in plural inside of the leg stopper.
- [4] The structure according to claim 2, wherein the leg stopper further comprises a mount sleeve extended from its rear surface to have a predetermined length, and inserted into the sleeve mount hollow.
- [5] The structure according to claim 1, wherein the leg stopper comprises at least one radial reinforcing rib on its rear surface.
- [6] The structure according to claim 1, wherein the leg stopper comprises at least one coupling protrusion protruded from its rear surface to have a predetermined length.
- [7] The structure according to claim 1, wherein the leg stopper is formed of plastic.
- [8] The structure according to claim 1, wherein the leg stopper is formed by injection molding.
- [9] The structure according to claim 1, wherein the stopper base comprises:
 - a base body having a predetermined diameter;
 - a sleeve mount hollow depressed inside of the base body and having a predetermined diameter and depth; and
 - at least one protrusion insertion through-hole being at a distance, and provided inside of the base body and having a predetermined depth.
- [10] The structure according to claim 1, wherein the stopper base has a slip preventing part on its rear surface.
- [11] The structure according to claim 10, wherein the slip preventing part has a shape of concentric circle.
- [12] The structure according to claim 1, wherein the stopper base is formed of rubber.
- [13] The structure according to claim 1, wherein the stopper base is formed of butyl synthetic rubber.
- [14] A horizon control structure for a washing machine, the structure comprising:

a stopper base having a base body having a predetermined diameter, a sleeve mount hollow depressed inside of the base body and having a predetermined diameter, at least one protrusion insertion through-hole being at a distance and provided inside of the base body, and a slip preventing part provided on a bottom surface of the base body; and

a leg stopper layered on the stopper base, and having a stopper body having a predetermined diameter, an insertion sleeve extended from a rear surface of the stopper body and having a predetermined diameter and length, and an insertion protrusion protruded from a rear surface of the stopper body and having a predetermined length.

- [15] The structure according to claim 14, wherein the insertion sleeve is mounted on the sleeve mount hollow.
- [16] The structure according to claim 14, wherein the insertion protrusion is inserted into the protrusion insertion through-hole.
- [17] The structure according to claim 14, wherein the leg stopper has a plurality of radial reinforcing ribs on its rear surface, and the insertion protrusion is formed integrally with the reinforcing rib.
- [18] The structure according to claim 14, further comprising at least one protrusion insertion through-hole being at a distance and provided inside of the stopper body.
- [19] The structure according to claim 18, wherein the protrusion insertion through-hole is provided on the same circumference as the insertion protrusion, and is spaced apart from the insertion protrusion in a circumferential direction.
- [20] The structure according to claim 17, wherein the reinforcing rib comprises an inner rib provided inside of the insertion sleeve and an outer rib provided on a rear surface of the stopper body, the inner rib and the outer rib being provided on the same line.